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TITLE OF INVENTION: HALL SENSOR ARRAY FOR MEASURING A MAGNETIC FIELD WITH OFFSET COMPENSATION

APPLICANT(s)

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Commissioner of Patents and Trademarks

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#### PRELIMINARY AMENDMENT

Prior to examination, please amend the above-identified application as follows:

### In the Specification:

On page 1, after the title, please replace the heading "Description" and substitute therefor the heading --Background of the Invention--.

On page 1, after the heading "Background of the Invention," before the first paragraph in the section, please add the heading –Field of the Invention—so that the paragraph reads as follows:

#### Field of the Invention

The present invention relates generally to Hall sensors and in particular to the arrangement and control of several Hall sensor elements in a Hall sensor array for magnetic field measurement with offset compensation.

On page 1, after the first paragraph under the "Field of the Invention" section, please insert the following heading: --Description of Prior Art--.